Figure 1

```
          1                                                    50
rhimi     SIDGGIRAAT SQEINELTYY TTLSANSYCR TVIPGA...T WDC..IHCDA
rhidl     SDGGKVVAAT TAQIQEFTKY AGIAATAYCR SVVPGN...K WDC..VQCQK
SP400     ~~~~~~~EVS QDLFNQFNLF AQYSAAAYCG KNNDAPAGTN ITCTGNACPE
Pcl       ~~~~~~~DVS TSELDQFEFW VQYAAASYYE ADYTAQVGDK LSCSKGNCPE
FoLnp11   ~~~~~~AVGVT TTDFSNFKFY IQHGAAAYC. .NSEAAAGSK ITCSNNGCPT

          51                                                   100
rhimi     TE..DLKIIK TWS.TLIYDT NAMVARGDSE KTIYIVFRGS SSIRNWIADL
rhidl     WV.PDGKIIT TFT.SLLSDP NGYVLRSDKQ KTIYLVFRGT NSFRSAITDI
SP400     VEKADATFLY SFEDSGVGDV TGFLALDNTN KLIVLSFRGS RSIENWIGNL
Pcl       VEATGATVSY DFSDSTITDT AGYIAVDHTN SAVVLAFRGS YSVRNWVADA
FoLnp11   VQGNGATIVT SFVG.SKTGI GGYVATDSAR KEIVVSFRGS INIRNWLTNL

          101                                                  150
rhimi     TFVPVSY.PP VSGTKVHKGF LDSYGEVQNE LVATVLDQFK QYPSYKVAVT
rhidl     VFNFSDY.KP VKGAKVHAGF LSSYEQVVND YFPVVQEQLT AHPTYKVIVT
SP400     NFDLKEINDI CSGCRGHDGF TSSWRSVADT LRQKVEDAVR EHPDYRVVFT
Pcl       TFVHTNP.GL CDGCLAELGF WSSWKLVRDD IIKELKEVVA QNPNYELVVV
FoLnp11   DFGQEDC.SL VSGCGVHSGF QRAWNEISSQ ATAAVASARK ANPSFNVIST

          151                                                  200
rhimi     GHSLGGATAL LCALDLYQRE EGLSSSNLFL YTQGQPRVGD PAFANYVVST
rhidl     GHSLGGAQAL LAGMDLYQRE PRLSPKNLSI FTVGGPRVGN PTFAYYVEST
SP400     GHSLGGALAT VAGADLRGN. .GY...DIDV FSYGAPRVGN RAFAEPLTVQ
Pcl       GHSLGAAVAT LAATDLRGK. .GYP..SAKL YAYASPRVGN AALAKYITAQ
FoLnp11   GHSLGGAVAV LAAANLRVG. .GT...PVDI YTYGSPRVGN AQLSAFVSNQ

          201                                                  250
rhimi     G.IPYRRTVN ERDIVPHLPP AAFGFLHAGE EYWITD.NSP ......ETVQ
rhidl     G.IPFQRTVH KRDIVPHVPP QSFGFLHPGV ESWIKS.GT. ......SNVQ
SP400     TGGTLYRITH TNDIVPRLPP REFGYSHSSP EYWIKS.GTL V.PVTRNDIV
Pcl       G..NNFRFTH TNDPVPKLPL LSMGYVHVSP EYWITS.PNN A.TVSTSDIK
FoLnp11   A.GGEYRVTH ADDPVPRLPP LIFGYRHFTP EFWLSGGGGD KVDYTISDVK

          251                                                  300
rhimi     VCTSDLETSD CSNSIVPFT. .SVLDHLSYF GINTGLCT~~ ~~~~~~~~~~
rhidl     ICTSEIETKD CSNSIVPFT. .SILDHLSYF DINEGSCL~~ ~~~~~~~~~~
SP400     KIEGID.ATG GNNQP.NIP. .DIPAHLWYF .GLIGTCL~~ ~~~~~~~~~~
Pcl       VIDGDV.SFD GNTGTGLPLL TDFEAHIWYF .VQVDAGKGP GLPFKRV~~~
FoLnp11   VCEGAA.NLG CNGGT.LGL. .DIAAHLHYF .QATDACNAG GFSWRRYRSA

          301                                   338
rhimi     ~~~~~~~~~~ ~~~~~~~~~~ ~~~~~~~~~~ ~~~~~~...
rhidl     ~~~~~~~~~~ ~~~~~~~~~~ ~~~~~~~~~~ ~~~~~~...
SP400     ~~~~~~~~~~ ~~~~~~~~~~ ~~~~~~~~~~ ~~~~~~...
Pcl       ~~~~~~~~~~ ~~~~~~~~~~ ~~~~~~~~~~ ~~~~~~...
FoLnp11   ESVDKRATMT DAELEKKLNS YVQMDKEYVK NNQARS..
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